

TRX-1

(TRX-1T + TRX-1R)

Wireless Unit
Système sans fil



(TRX-1R)



(TRX-1T)

OWNER'S MANUAL
MODE D'EMPLOI
BEDIENUNGSANLEITUNG
BRUKSANVISNING
MANUALE DI ISTRUZIONI
MANUAL DE INSTRUCCIONES
GEbruikSAANWIJZING

CAUTION: READ THIS BEFORE OPERATING TRX-1

- To assure the finest performance, please read this manual carefully. Keep it in a safe place for future reference.
- Install TRX-1 in a well ventilated, cool, dry, clean place - away from direct sunlight, heat sources, vibration, dust, moisture, and/or cold. Allow ventilation space of at least 10 cm on the top, 10 cm on the left and right, and 10 cm on the back of these units.
- Locate TRX-1 away from other electrical appliances, motors, or transformers to avoid humming sounds.
- Do not expose TRX-1 to sudden temperature changes from cold to hot, and do not locate TRX-1 in an environment with high humidity (i.e. a room with a humidifier) to prevent condensation inside TRX-1, which may cause an electrical shock, fire, damage to TRX-1, and/or personal injury.
- Avoid installing TRX-1 where foreign object may fall onto TRX-1 and/or TRX-1 may be exposed to liquid dripping or splashing. On the top of TRX-1, do NOT place:
 - Other components, as they may cause damage and/or discoloration on the surface of TRX-1.
 - Burning objects (i.e. candles), as they may cause fire, damage to TRX-1, and/or personal injury.
 - Containers with liquid in them, as they may fall and liquid may electrical shock to the user and/or damage to TRX-1.
- Do not cover the rear panel of TRX-1 with a newspaper, tablecloth, curtain, etc., in order not to obstruct heat radiation. If the temperature inside TRX-1 rises, it may cause fire, damage to TRX-1, and/or personal injury.
- Do not plug in TRX-1 to a wall outlet until all connections are complete.
- Do not operate TRX-1 upside-down. It may overheat, possibly causing damage.
- Do not use force on switches and/or cables.
- When disconnecting the power cable from the wall outlet, grasp the plug; do not pull the cable.
- Do not clean TRX-1 with chemical solvents; this might damage the finish. Use a clean, dry cloth.
- Only voltage specified on TRX-1 must be used. Using TRX-1 with a higher voltage than specified is dangerous and may cause fire, damage to TRX-1, and/or personal injury. YAMAHA will not be held responsible for any damage resulting from use of TRX-1 with a voltage other than specified.
- To prevent damage by lightning, disconnect the AC power cable (or AC adaptor) from the wall outlet during an electrical storm.
- Do not attempt to modify or fix TRX-1. Contact qualified YAMAHA service personnel when any service is needed. The cabinet should never be opened for any reasons.
- When not planning to use TRX-1 for long periods of time (i.e. vacation), disconnect the AC power plug (or AC adaptor) from the wall outlet.
- Use only the included AC adaptor with the TRX-1T. Using another adaptor may cause a malfunction or fire.
- Do not use the AC adaptor with any device other than the TRX-1T.

WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THESE UNITS TO RAIN OR MOISTURE.

SPECIAL INSTRUCTIONS FOR U.K. MODEL

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

GREEN-and-YELLOW:Earth
BLUE:Neutral
BROWN:Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows: The wire which is coloured GREEN-and-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol \perp or coloured GREEN or GREEN-and-YELLOW. The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

For U.K. customers

If the socket outlets in the home are not suitable for the plug supplied with this appliance, it should be cut off and an appropriate 3 pin plug fitted. For details, refer to the instructions described above.

Note: The plug severed from the mains lead must be destroyed, as a plug with bared flexible cord is hazardous if engaged in a live socket outlet.

For U.K. and European customers

C €0682

We, the manufacturer YAMAHA hereby declare that the TRX-1 is in compliance with the essential requirements and other relevant provisions of Directive 1999 / 5 / EC.

The TRX-1 uses wireless signals in the 864 MHz band. Using it in close proximity to other devices that utilize the same band range may cause pauses or interruptions in sound output, or cause the unit to lose connections with the receivers. The TRX-1 may also cause certain medical equipment to function improperly. Take care to ensure that no interference will occur before use.

This unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if this unit itself is turned off. This state is called the standby mode. In this state, this unit is designed to consume a very small quantity of power.

The TRX-1 is a wireless system for surround sound speakers, which allows you to enjoy your AV experience in a room free of the clutter of speaker cables. It consists of a wireless transmitter unit (TRX-1T) and a wireless receiver unit (TRX-1R).

This manual is printed prior to production. Design and specifications are subject to change in part as a result of improvements, etc., In case of differences between the manual and the product, the product has priority.

CONTENTS

SUPPLIED ACCESSORIES.....	1	CONNECTIONS	3
CONTROLS AND FUNCTIONS	2	Placing the units.....	3
Wireless transmitter unit (TRX-1T).....	2	Connecting the wireless transmitter unit.....	3
Wireless receiver unit (TRX-1R).....	2	Connecting the wireless receiver unit	4
		OPERATIONS.....	5
		SPECIFICATIONS	5

SUPPLIED ACCESSORIES

Please check that you received all of the following parts.

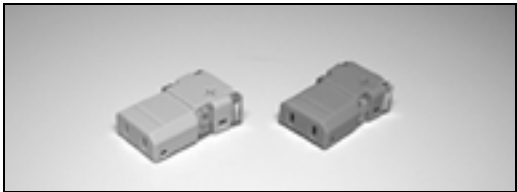
- **AC adaptor**
(Europe model: 430407890100)
(U.K. model: 430407890110)



- **Stand**



- **Cable plugs (A)**
(Blue x 1, Gray x 1)



- **Cable plugs (B)**
(Blue x 1, Gray x 1)



CONTROLS AND FUNCTIONS

Wireless transmitter unit (TRX-1T)



① Antenna

Adjust the antenna direction for best signal transmission.

② POWER indicator

Lights red when you connect the AC adaptor to the DC IN jack on this unit and to an AC outlet. If the unit does not receive a signal from the amplifier within 5 minutes after connection to the AC outlet, it places itself in standby mode and the power indicator goes out. The unit turns on again when it receives a signal from the amplifier.

③ Speaker terminal cable

Connect to the surround speaker jack on your amplifier.

④ CHANNEL SELECTOR switch

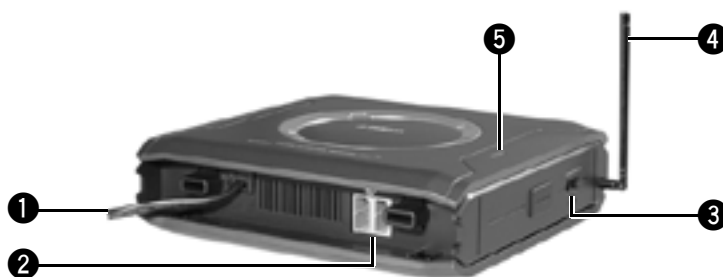
Set to the number selected on the channel selector of the wireless receiver unit (see page 5).

⑤ DC IN jack

Connect to the included AC adaptor.

Wireless receiver unit (TRX-1R)

The following figure depicts the unit with the cover removed.



① AC power cable

Connect the plug to an AC outlet.

② Surround speaker terminal

Connect the speaker cables to the surround sound speakers.

③ CHANNEL SELECTOR switch

Set to the number selected on the channel selector of the wireless transmitter unit (see page 5).

④ Antenna

Adjust the antenna direction for best signal reception.

⑤ POWER indicator

Lights red when you connect the AC power cable to an AC outlet. Lights green when the unit receiving a signal from wireless transmitter unit. When the signal from the wireless transmitter unit is cut, the unit places itself in standby mode, and the power indicator lights red.

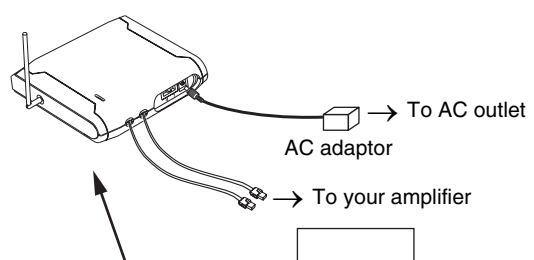
CONNECTIONS

Before connecting, make sure that the power of all components is off. Be sure to connect the wireless transmitter unit to a component equipped with a volume control.

Placing the units

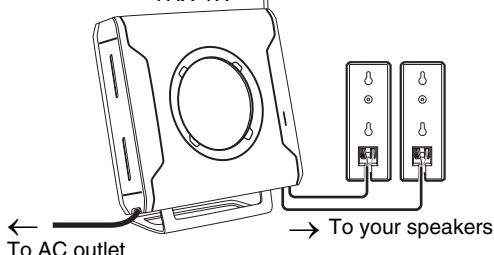
- Place both the wireless transmitter unit and wireless receiver unit at least 30 cm off the ground.
- Make sure that you place the wireless transmitter unit and wireless receiver unit 2–15 meters apart.
- Avoid placing the wireless units too close to your amplifier, AC adaptor, TV or other electrical equipment as it may cause electrical interference.

TRX-1T



2–15 m

TRX-1R



Connecting the wireless transmitter unit

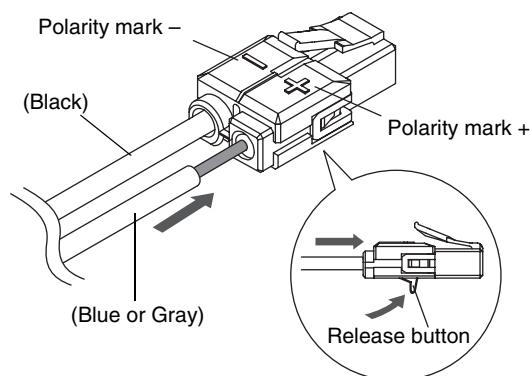
- 1 Connect and carefully match the wireless transmitter unit inputs to the corresponding surround speaker jacks on your amplifier.
 - Connect the blue/black speaker terminal cables to the surround L speaker jack on your amplifier, and the grey/black speaker terminal cable to the surround R speaker jack.
 - Connect the black speaker cables to the minus terminals of the speaker jacks, and the blue (or grey) speaker cables to the positive terminals.
- 2 Connect the AC adaptor to the wireless transmitter unit and an AC outlet.

Connecting to the YAMAHA CinemaStation

When connecting to the YAMAHA DVR-S150/S120/S200 or the AVC-S20, connect the supplied cable plugs (B) to the speaker terminal cables as shown below.

Press and hold the release button, insert the speaker terminal cable core into the cable plug (B), then release the button.

Match the speaker terminal cable polarity (+/–) with the polarity marks (+/–) of the cable plug.



Attach the other cable plug (B) in the same way.

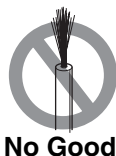
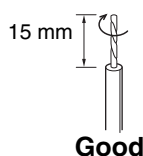
Connecting the wireless receiver unit

■ Attaching the cable plugs (A) to the speaker cables

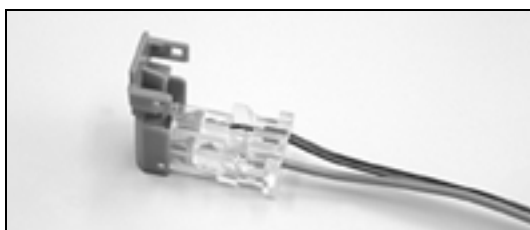
- 1 Pull both sides of the cover of the cable plug (A) firmly away from the top of the plug, then partially remove the top part of the cover.



- 2 Peel away about 15 mm of covering from the tip of a commercially available speaker cable and twist the cable core firmly in a clockwise direction. Twisting loosely may cause a short circuit.



- 3 Match the speaker cable polarity (+/-) with the polarity mark (+/-) of the cable plug, then insert each cable core into the cable plug (A). Be sure that it is firmly in contact with the metal part of the speaker cable.

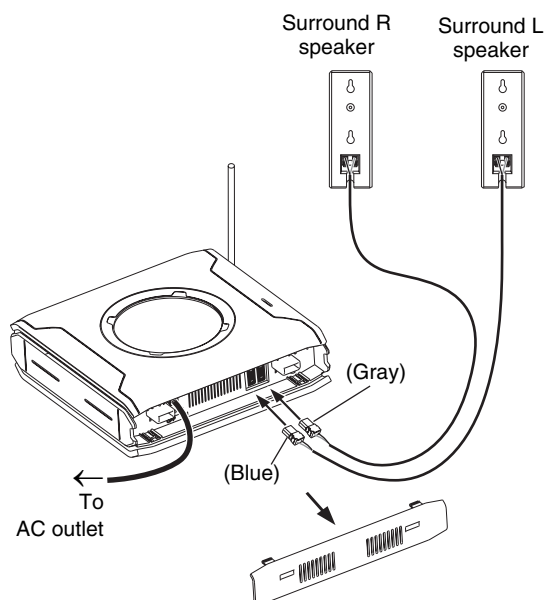


- 4 Replace the cover.

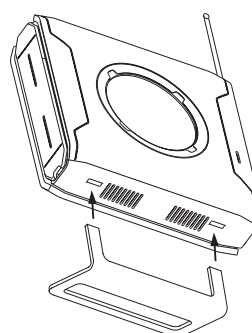
Attach the other cable plug (A) in the same way.

■ Connecting the wireless receiver unit

- 1 Remove the cover from the wireless receiver unit as shown below, to access the connection terminal. Connect your rear speaker terminals with the corresponding color terminals on the wireless receiver unit. Reattach the cover.



- 2 Insert the stand into the brackets as shown below.



- 3 Connect the AC power cable of the wireless receiver unit to an AC outlet.

OPERATIONS

- 1 Check and adjust the channel selector switch on the wireless transmitter unit and the wireless receiver unit, so that both units are using the same channel.
- 2 On your amplifier, play an audio source and activate the surround sound mode option. Adjust the amplifier volume to reproduce surround sound from the surround speakers.

- 3 To improve reception, set the antennas on both the wireless transmitter unit and the wireless receiver unit to a vertical position. Check the antennas are safely positioned without obstruction.

Note

If the sound appears distorted, please select another channel for both the wireless receiver unit and wireless transmitter unit. The distortion could be the result of interference caused by other equipment using same frequency channel in your house or neighbourhood.

SPECIFICATIONS

TRX-1 (TRX-1T + TRX-1R)

Transmission Frequency 864 MHz
Selectable Channel..... 4
Transmission Distance 15 m

TRX-1T

Transmission Power 10 mW
Audio Input 17 V max.
Power Supply DC 14 V
Power Consumption 1.82 W
Dimensions 131 x 34 x 130 mm
Weight 0.3 kg

TRX-1R

Output Power (10% THD, 6 ohm) 30 W x 2
Frequency Response..... 50 Hz – 20 kHz, ± 3 dB
THD (1 kHz, 1W) 0.5% or less
Power Supply 220 – 240 V, 50/60 Hz
Power Consumption 20 W
Standby Power Consumption 1 W or less
Dimensions 207 x 55 x 186 mm
Weight 1 kg

Specifications are subject to change without notice.